

1 What is claimed is:

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3 1. A suction device for a power tool (10a, 10b), in particular for a drilling
4 and/or chipping tool, with at least one dust container (12a – 12c) and at least one
5 suction head (14a – 14c) to be placed on a work piece (16a, 16b),
6 wherein the dust container (12a – 12c) is integrated in the suction head (14a –
7 14c).

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9 2. The suction device as recited in Claim 1,
10 characterized by a suction unit (18a, 18b) integrated in the power tool (10a, 10b)
11 for producing a vacuum in the suction head (14a – 14c).

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13 3. The suction device as recited in Claim 2,
14 wherein the suction device (18a, 18b) includes a cooling fan (20a, 20b) of the
15 power tool (10a, 10b).

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17 4. The suction device as recited in one of the preceding Claims,
18 characterized by a unit (22a – 22c) that includes at least the suction head (14a –
19 14c) and is capable of being detachably retained on the power tool (10a, 10b).

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21 5. The suction device as recited in one of the preceding Claims,
22 characterized by a unit (22a – 22c) that includes at least the dust container (12a
23 – 12c) and is capable of being detachably retained on the power tool (10a, 10b).

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25 6. The suction device as recited in Claim 4 or 5,
26 wherein the unit (22a – 22c, 72a) is retainable on the power tool (10a, 10b) using
27 a snap-in connection.

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29 7. The suction device as recited in one of the preceding Claims,

1 wherein the suction head (14a – 14c) is supported on a housing (26a, 26b) of the
2 power tool (10a, 10b) by a bearing unit such that it is displaceable along a working
3 direction (24a – 24c).

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5 8. The suction device as recited in Claim 7,
6 wherein the bearing unit (46a – 46c, 48a) includes a depth stop.

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8 9. The suction device as recited in one of the preceding Claims,
9 wherein the suction head (14a – 14c) includes at least one opening (30a – 30c)
10 through which a tool (32a, 32b) is capable of being guided in at least one
11 operating state.

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13 10. The suction device as recited in Claim 9,
14 wherein various dimensions can be selected for the opening (30a' – 30c').

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16 11. The suction device as recited in Claim 9 or 10,
17 wherein the opening (30a – 30c) forms one end of a funnel-shaped receiving
18 area that tapers in the working direction (24a – 24c).

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20 12. The suction device as recited in one of the preceding Claims,
21 wherein an air stream is capable of being introduced into the dust container (12a)
22 through a duct section (82a) of the suction head (14a) in a circumferential
23 direction of the dust container (12a).

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25 13. Drilling and/or chipping tool with a suction unit (18a, 18b) for producing a
26 vacuum in a suction head (14a – 14c) of a suction device at least as recited in
27 Claim 3.

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